DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

As a below named inventor, I hereby declare that: My residence, mailing address, and citizenship are as stated below next to my name. I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

8-AZAPROSTAGRANDIN DERIVATIVES AND MEDICAL USE THEREOF

the application of which	27	5 73	g1 1		
is attached hereto	OR	M	was filed on	ational Applica mation No.	tion Number
I hereby state that I have reviewed and ur by any amendment specifically referred to a		ontents o	f the above identified application, in	ncluding the cla	aims, as amended
I acknowledge the duty to disclose inf continuation-in-part application(s), materi the national or PCT international filing date	al information	which be	ecame available between the filing		
I hereby claim foreign priority benefits un or plant breeder's rights certificate(s), or than the United States of America, listed patent, inventor's or plant breeder's rights application on which priority is claimed.	365(a) of any libelow and have	PCT inte ve also id	mational application(s) which designentified below, by checking the bo	mated at least ox, any foreign	one country other application(s) for
Prior Foreign Application Number(s)	Cour	ad array	Foreign Filing Date	Priority Yes	Claimed No
P. 2003-11936	Japa	•	January 21, 2003	⊠	
P. 2003-289954	Japa	an	August 8, 2003	\boxtimes	
I hereby claim domestic priority benefits u	nder 35 United	l States C	code §120 of any United States appli	ication(s), §119	(e) of any United

States provisional application(s), or §365(c) of any PCT International application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to the patentability of this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. or International Application Number(s)

U.S. or International Filing Date

Status

I hereby appoint all attorneys of SUGHRUE MION, PLLC who are listed under the USPTO Customer Number shown below as my attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Sughrue Mion, PLLC, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVE	INTOR:	γ		
Given Name (first and middle [if any]) <u>Tohru</u>		Family Name or Surname	KAN	<u>MBE</u>
Inventor's Signature	Thru Kambe	r	Date	June 30, 2005
Residence: City Mishima-gun JP	xState Osaka	Country Japan		Citizenship Japan
Mailing Address: c/o ONO PHARN	MACEUTICAL CO., LTD., 1	-1, Sakurai 3-chome, Shimar	moto-cł	no .
City Mishima-gun	State OSAKA	Zip 618-8585		Country JAPAN
NAME OF SECOND INVENTOR:				
Given Name (first and middle [if any]) <u>Toru</u>		Family Name or Surname	MAI	RUYAMA
Inventor's Signature	Toru Maruya	ync ₁	Date	June 30, 2005
Residence: City Mishima-gun 5P		Country Japan		Citizenship Japan
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City Mishima-gun	State OSAKA	Zip 618-8585		Country JAPAN
NAME OF THIRD INVENTOR:				
Given Name (first and middle [if any]) Kaoru		Family Name or Surname	KOB	BAYASHI
Inventor's Signature	-	D	Date	
Residence: City Mishima-gun	State Osaka	Country Japan		Citizenship Japan
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NAME OF FOURTH INVENTOR	:			
Given Name (first and middle [if any]) Kousuke		Family Name or Surname	TAN	П
Inventor's Signature		D	Date	
Residence: City Mishima-gun	State Osaka	Country Japan		Citizenship Japan
Mailing Address: c/o ONO PHARN	MACEUTICAL CO., LTD., 1	-1, Sakurai 3-chome, Shiman	noto-ch	10
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NAME OF FIFTH INVENTOR:				
Given Name (first and middle [if any]) Yoshihiko	2	Family Name or Surname	NAK	<u> </u>
Inventor's Signature	oshihiko Nakai	D	Date	June 30, 2005
Residence: City Mishima-gun TP:	x State Osaka	Country Japan		Citizenship Japan
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NAME OF SIXTH INVENTOR:			
, Given Name (first and middle [if any]) <u>Toshihiko</u>		Family Name or Surname NA	GASE
Inventor's Signature Toshik	niko Nagase	Date	June 30, 2005
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NAME OF SEVENTH INVENTOR	R:		
Given Name (first and middle [if any]) Takayuki		Family Name or Surname <u>MA</u>	RUYAMA
Inventor's Signature Takay of	2. Maruyan	Date	June 30, 2005
Residence: City <u>Mishima-gun</u> Jr	xState Osaka	Country Japan	Citizenship Japan
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NAME OF EIGHTH INVENTOR:	1		
Given Name (first and middle [if any]) <u>Kiyoto</u>		Family Name or Surname SA	KATA.
Inventor's Signature Kiyoto	Sakata	Date	June 30, 2005
Residence: City Mishima-gun IP	xState Osaka	Country Japan	Citizenship Japan
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City Mishima-gun	State OSAKA	Zip 618-8585	Country JAPAN
NAME OF NINTH INVENTOR:			
Given Name (first and middle [if any]) Hideyuki		Family Name or Surname YO	SHIDA
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Residence: City Mishima-gun	State Osaka	Country Japan	Citizenship Japan
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Given Name (first and middle [if any]) Shinsei		Family Name or Surname <u>FU.</u>	JIMURA
Inventor's Signature Shins	sei Fujimura	Date	June 30, 2005
Residence: City Mishima-gun 179	State Osaka	Country Japan	Citizenship Japan
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NAME OF ELEVENTH INVENTO	OR:				
Given Name					
(first and middle [if any]) Akio		Family Name or Surnam	e <u>NIS</u>	SHIURA	
Inventor's Signature	à mislor	à	Date	June 30, 2005	
Residence: City <u>Mishima-gun</u> T	yState Osaka	Country Japan		Citizenship Japan	
Mailing Address: c/o ONO PHARM	ACEUTICAL CO., LTD., 1	-1, Sakurai 3-chome, Shin	namoto-c	cho	
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NAME OF TWELFTH INVENTO	R:				
Given Name (first and middle [if any]) Nobutaka		Family Name or Surnam	e AB	E	
Inventor's Signature Nobu	taka Abe		Date	June 30, 2005	
Residence: City Mishima-gun JP	xState Osaka	Country Japan		Citizenship Japan	
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City Mishima-gun	State OSAKA	Zip 618-8585		Country JAPAN	
NAME OF THIRTEENTH INVEN	TOR:				
Given Name (first and middle [if any])		Family Name or Surnam	e		
Inventor's Signature			Date		
Residence: City	State	Country		Citizenship	
Mailing Address:					
City	State	Zip		Country	
NAME OF FOURTEENTH INVEN	NTOR:				
Given Name (first and middle [if any])		Family Name or Surnam	e		
Inventor's Signature			Date		
Residence: City	State	Country		Citizenship	
Mailing Address:					
City	State	Zip		Country	
NAME OF FIFTEENTH INVENTOR:					
Given Name (first and middle [if any]) Family Name or Surname					
Inventor's Signature Date					
Residence: City	State	Country		Citizenship	
Mailing Address:					
City	State	Zip		Country	

DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

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8-AZAPROSTAGRANDIN DERIVATIVES AND MEDICAL USE THEREOF

the application of which			
is attached hereto	OR		was filed on January 20, 2004 as United States Application Number or PCT International Application Number PCT/JP04/000419 (Confirmation No), and was amended on (if applicable).
I hereby state that I have reviewed and by any amendment specifically referred	d understand the of to above.	contents o	of the above identified application, including the claims, as amended
I acknowledge the duty to disclose continuation-in-part application(s), ma	information whi terial information	ch is ma which b	aterial to patentability as defined in 37 CFR 1.56, including for ecame available between the filing date of the prior application and

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application(s) having a filing date before that of the application on which priority is claimed.

	•		Priority	Claimed
Prior Foreign Application Number(s)	Country	Foreign Filing Date	Yes	No
P. 2003-11936	Japan	January 21, 2003	\boxtimes	
P. 2003-289954	Japan	August 8, 2003	\boxtimes	

I hereby claim domestic priority benefits under 35 United States Code §120 of any United States application(s), §119(e) of any United States provisional application(s), or §365(c) of any PCT International application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in a listed prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge my duty to disclose any information material to the patentability of this application as defined in 37 C.F.R. 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Prior U.S. or International Application Number(8)

the national or PCT international filing date of the continuation-in-part application.

U.S. or International Filing Date

Status

2.

I hereby appoint all attorneys of **SUGHRUE MION**, **PLLC** who are listed under the USPTO Customer Number shown below as my attorneys to prosecute this application and to transact all business in the United States Patent and Trademark Office connected therewith, recognizing that the specific attorneys listed under that Customer Number may be changed from time to time at the sole discretion of Sughrue Mion, PLLC, and request that all correspondence about the application be addressed to the address filed under the same USPTO Customer Number.

233/3

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NAME OF SOLE OR FIRST INVI	ENTOR:		
Given Name (first and middle [if any]) Tohru		Family Name or Surname KA	MBE
Inventor's Signature		Date	
Residence: City Mishima-gun	State Osaka	Country Japan	Citizenship Japan
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City Mishima-gun	State OSAKA	Zip 618-8585	Country JAPAN
NAME OF SECOND INVENTOR:	:		
Given Name		7 77 6	
(first and middle [if any]) Toru		Family Name or Surname MA	ARUYAMA
Inventor's Signature	T	Date	T
Residence: City Mishima-gun	State Osaka	Country Japan	Citizenship Japan
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City Mishima-gun	State OSAKA	Zip 618-8585	Country JAPAN
NAME OF THIRD INVENTOR:			ound, orall
Given Name (first and middle [if any]) Kaoru Family Name or Surname KOBAYASHI			
Inventor's Signature Zaou	v Kolayashi	Date	June 28, 2005
Residence: City <u>Mishima-gun</u> Jp		Country Japan	Citizenship Japan
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NAME OF FOURTH INVENTOR:	:		
Given Name (first and middle [if any]) Kousuke		Family Name or Surname TA	NI
Inventor's Signature		Date	
Residence: City Mishima-gun	State Osaka ·	Country Japan	Citizenship Japan
Mailing Address: c/o ONO PHARM	MACEUTICAL CO., LTD., 1	-1, Sakurai 3-chome, Shimamoto-c	ho
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NAME OF FIFTH INVENTOR:			
Given Name (first and middle [if any]) Yoshihiko)	Family Name or Surname NAM	KAI .
Inventor's Signature		Date	
Residence: City Mishima-gun	State Osaka	Country Japan	Citizenship Japan
Mailing Address: c/o ONO PHARM	1ACEUTICAL CO., LTD., 1	-1, Sakurai 3-chome, Shimamoto-ch	ho
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NAME OF SIXTH INVENTOR:				
Given Name				
(first and middle [if any]) Toshihiko		Family Name or Surname	NAGASE	
Inventor's Signature			D	
Inventor's Signature		<u> </u>	Date	
Residence: City Mishima-gun	State Osaka	Country Japan	Citizenship Japan	
Mailing Address: c/o ONO PHARM	MACEUTICAL CO., LTD., 1	-1, Sakurai 3-chome, Shima	amoto-cho	
City Mishima-gun	State OSAKA	Zip 618-8585	Country JAPAN	
NAME OF SEVENTH INVENTO	R:			
Given Name		F 7.11 C		
(first and middle [if any]) Takayuki		Family Name or Surname	MARUYAMA	
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Residence: City Mishima-gun	State Osaka	Country Japan	Citizenship Japan	
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NAME OF EIGHTH INVENTOR:				
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City Mishima-gun	State OSAKA	Zip 618-8585	Country JAPAN	
NAME OF NINTH INVENTOR:	<u> </u>	<u> </u>		
Given Name (first and middle [if any]) Hideyuki		Family Name or Surname	YOSHIDA	
Inventor's Signature			Date	
Residence: City Mishima-gun	State Osaka	Country Japan	Citizenship Japan	
Mailing Address: c/o ONO PHARM	MACEUTICAL CO., LTD., 1	-1, Sakurai 3-chome, Shima	amoto-cho	
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NAME OF TENTH INVENTOR:				
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	State OSAKA			

NAME OF ELEVENTH INVENTO	DR:			
Given Name (first and middle [if any]) Akio Family Name or Surname NISHIURA				
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Mailing Address: c/o ONO PHARM	MACEUTICAL CO., LTD., 1	-1, Sakurai 3-chome, Shimamo	oto-cho	
City Mishima-gun	State OSAKA	Zip 618-8585	Country JAPAN	
NAME OF TWELFTH INVENTO	R:			
Given Name (first and middle [if any]) Nobutaka		Family Name or Surname	ABE	
Inventor's Signature		Da	te	
Residence: City Mishima-gun	State Osaka	Country Japan	Citizenship Japan	
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City Mishima-gun	State OSAKA	Zip 618-8585	Country JAPAN	
NAME OF THIRTEENTH INVEN	TOR:			
Given Name (first and middle [if any])		Family Name or Surname		
Inventor's Signature		Da	de	
Residence: City	State	Country	Citizenship	
Mailing Address:				
City	State	Zip	Country	
NAME OF FOURTEENTH INVE	NTOR:			
Given Name (first and middle [if any])		Family Name or Surname		
Inventor's Signature		Da	ie	
Residence: City	State	Country	Citizenship	
Mailing Address:		-		
City	State	Zip	Country	
NAME OF FIFTEENTH INVENT	OR:	····	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
Given Name (first and middle [if any]) Family Name or Surname				
Inventor's Signature		Da	e	
Residence: City	State	Country	Citizenship	
Mailing Address:	1			
	State	Zip	Country	
City	State	L L	Cominy	

3

DECLARATION AND POWER OF ATTORNEY FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

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8-AZAPROSTAGRANDIN DERIVATIVES AND MEDICAL USE THEREOF

the application of which is attached hereto OR	was filed on January 20, 2004 as United States Application Number or PCT International Application Number
------------------------------------------------	-----------------------------------------------------------------------------------------------------------

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part application(s), material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application(s) having a filing date before that of the application on which priority is claimed.

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Prior U.S. or International Application Number(s)

U.S. or International Filing Date

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22272

233/3

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

NAME OF SOLE OR FIRST INVE	ENTOR:		
Given Name			
(first and middle [if any]) Tohru		Family Name or Surname KA	MBE
Inventor's Signature	<u> </u>	Date	·
Residence: City Mishima-gun	State Osaka	Country Japan	Citizenship Japan
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NAME OF SECOND INVENTOR:			
Given Name			
(first and middle [if any]) Toru	· · · · · · · · · · · · · · · · · · ·	Family Name or Surname MA	ARUYAMA
Inventor's Signature	 	Date	
Residence: City Mishima-gun	State Osaka	Country Japan	Citizenship Japan
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NAME OF THIRD INVENTOR:			
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Inventor's Signature		Date	
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City Mishima-gun	State OSAKA	Zip 618-8585	Country JAPAN
NAME OF FOURTH INVENTOR:	:		
Given Name (first and middle [if any]) <u>Kousuke</u>		Family Name or Surname TA	NI
	/		May 29,2005
Inventor's Signature	usuhe Gam	U Date	(10y 27, 200)
Residence: City Mishima-gun Jo	k State Osaka	Country Japan	Citizenship Japan
Mailing Address: c/o ONO PHARM	MACEUTICAL CO., LTD., 1	-1, Sakurai 3-chome, Shimamoto-c	zho
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NAME OF FIFTH INVENTOR:			
Given Name (first and middle [if any]) Yoshihiko		Family Name or Surname NA	KAI
Inventor's Signature		Date	
	State Ocales		Ciri
	State Osaka	Country Japan	Citizenship Japan
Mailing Address: c/o ONO PHARM	ACEUTICAL CO., LTD., 1	-1, Sakurai 3-chome, Shimamoto-c	ho
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NAME OF SIXTH INVENTOR:		 _			
Given Name (first and middle [if any]) Toshihiko		Family Name or Surname NA	AGASE		
Inventor's Signature	7	Date	Date		
Residence: City Mishima-gun	State Osaka	Country Japan	Citizenship Japan		
Mailing Address: c/o ONO PHARN	MACEUTICAL CO., LTD., 1	1-1, Sakurai 3-chome, Shimamoto-	-cho		
City Mishima-gun	State OSAKA	Zip 618-8585	Country JAPAN		
NAME OF SEVENTH INVENTOR	₹:				
Given Name (first and middle [if any]) Takayuki		Family Name or Surname MA	ARUYAMA		
Inventor's Signature	T	Date			
Residence: City Mishima-gun	State Osaka	Country Japan	Citizenship Japan		
Mailing Address: c/o ONO PHARMACEUTICAL CO., LTD., 1-1, Sakurai 3-chome, Shimamoto-cho					
City Mishima-gun	State OSAKA	Zip 618-8585	Country JAPAN		
NAME OF EIGHTH INVENTOR:			1 00000		
Given Name (first and middle [if any]) Kiyoto		Family Name or Surname SA	Y2 A TT A		
(thist and middle [ii any]) 121yolo		Family Name or Surname SA	KATA		
Inventor's Signature	1	Date	Т		
Residence: City Mishima-gun	State Osaka	Country Japan	Citizenship Japan		
Mailing Address: c/o ONO PHARM	MACEUTICAL CO., LTD., 1	1-1, Sakurai 3-chome, Shimamoto-c	cho		
City Mishima-gun	State OSAKA	Zip 618-8585	Country JAPAN		
NAME OF NINTH INVENTOR:		Lasp C = = =	County 11-1-1		
Given Name					
(first and middle [if any]) Hideyuki		Family Name or Surname YO	DSHIDA		
Inventor's Signature Hille	yuki Yoshida	Date	May 29, 2005		
Residence: City Mishima-gun JP	≿State Osaka	Country Japan	Citizenship Japan		
Mailing Address: c/o ONO PHARMACEUTICAL CO., LTD., 1-1, Sakurai 3-chome, Shimamoto-cho					
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NAME OF TENTH INVENTOR:					
Given Name (first and middle [if any]) Shinsei		Family Name or Surname FUJ	JIMURA		
Inventor's Signature		Date			
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NAME OF ELEVENTH INVENTOR:						
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Given Name (first and middle [if any]) Nobutaka Family Name or Surname ABE						
Inventor's Signature		Date				
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NAME OF THIRTEENTH INVENTOR:						
Given Name (first and middle [if any])		Family Name or Surname				
Inventor's Signature		Date				
Residence: City	State	Country		Citizenship		
Mailing Address:						
City	State	Zip		Country		
NAME OF FOURTEENTH INVENTOR:						
Given Name (first and middle [if any]) Family Name or Surname						
Inventor's Signature		I	Date			
Residence: City	State	Country		Citizenship		
Mailing Address:						
City	State	Zip		Country		
NAME OF FIFTEENTH INVENTOR:						
Given Name (first and middle [if any]) Family Name or Surname						
Inventor's Signature		Date				
Residence: City	State	Country		Citizenship		
Mailing Address:						
City	State	Zip		Country		